

FIG. 1 Prior art ECC calculator

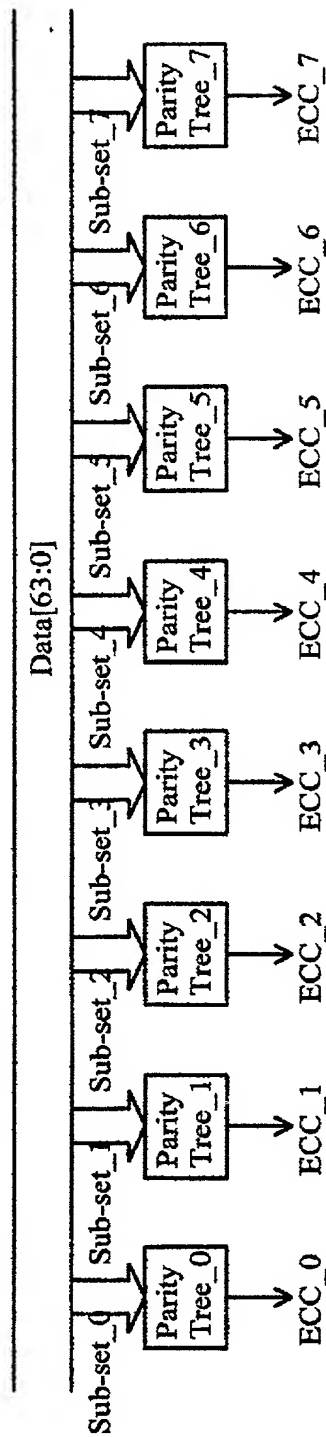


FIG. 2(a)

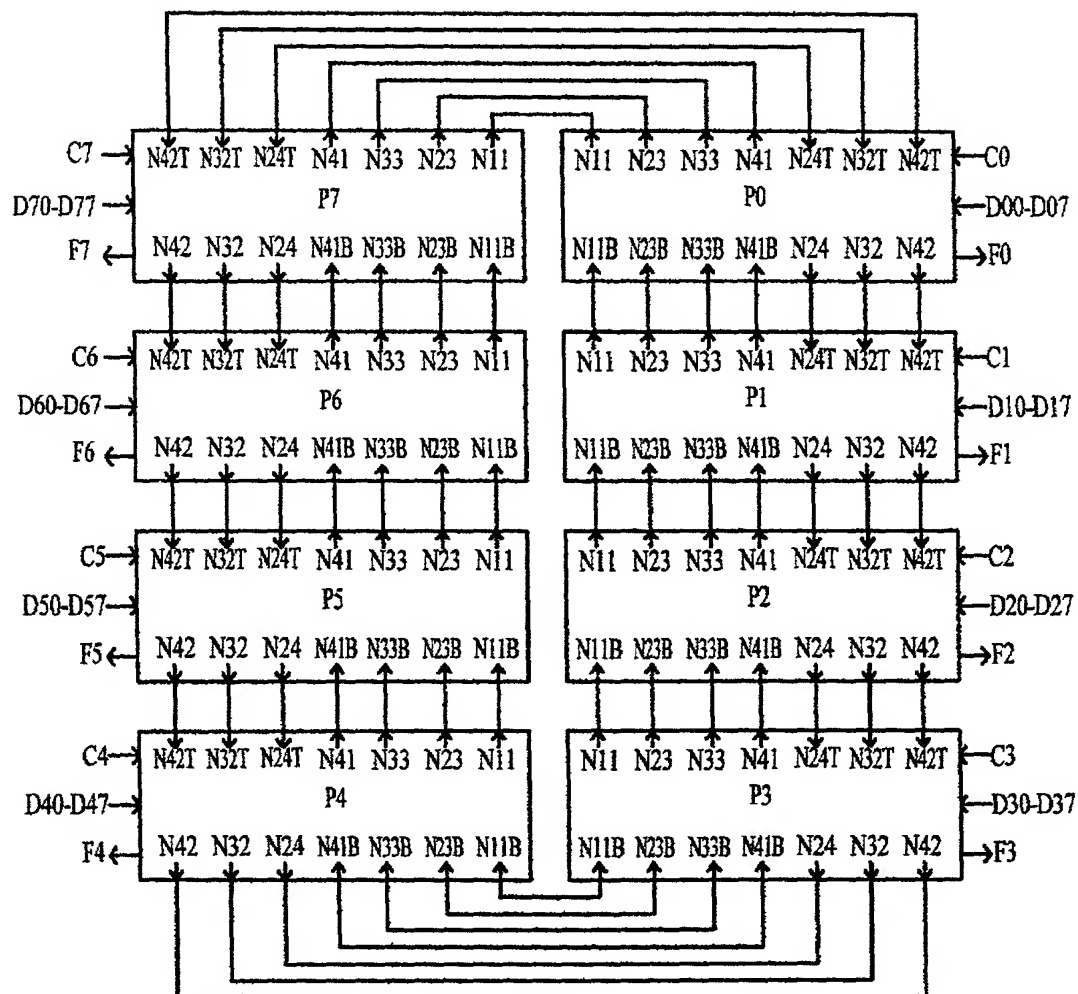


FIG. 2(b)

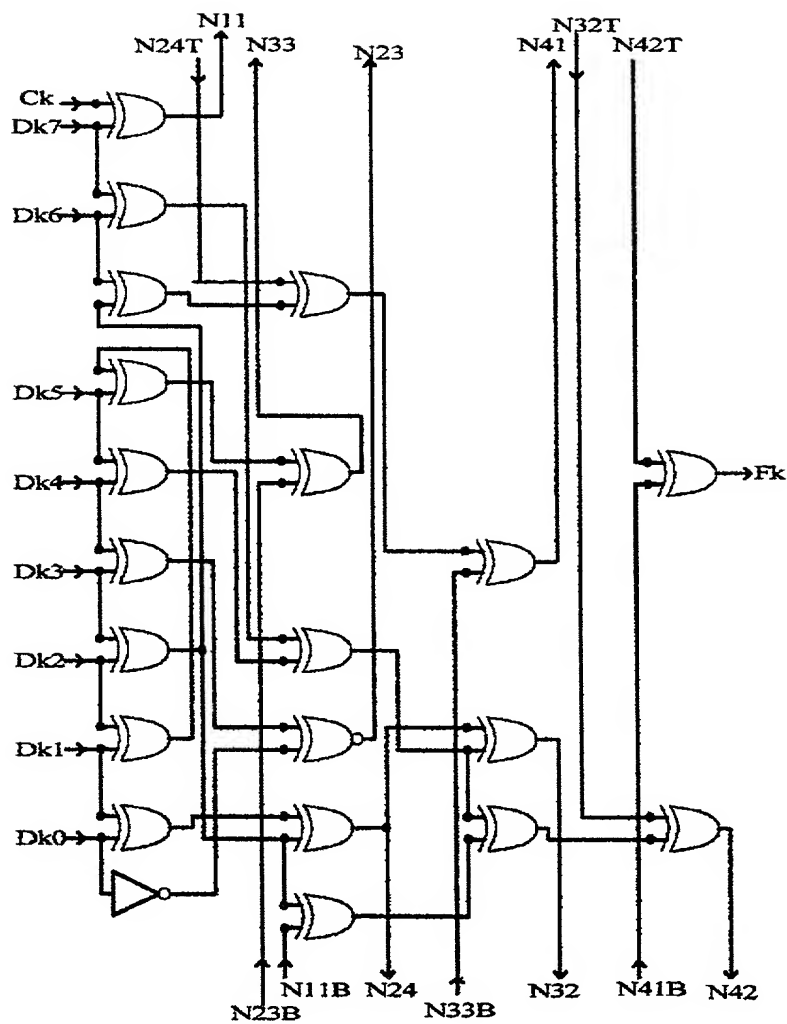


FIG. 2(c)

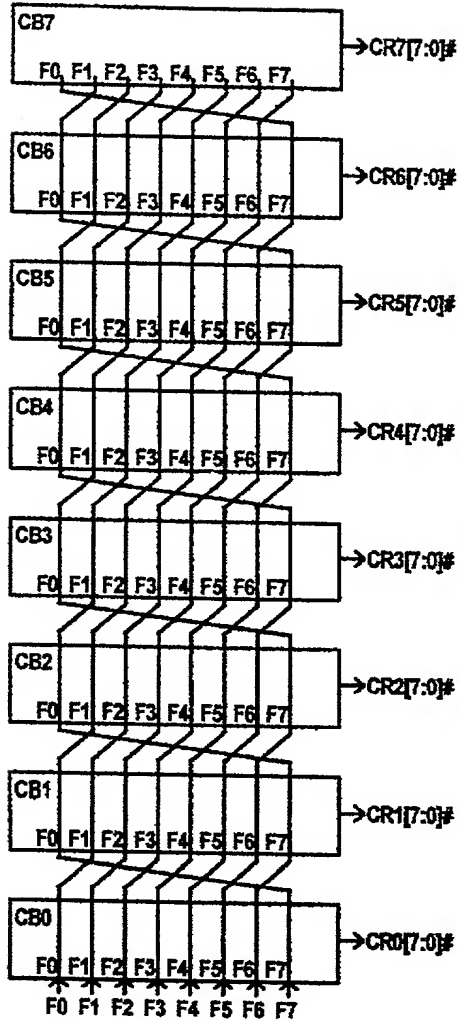


FIG. 2(d)

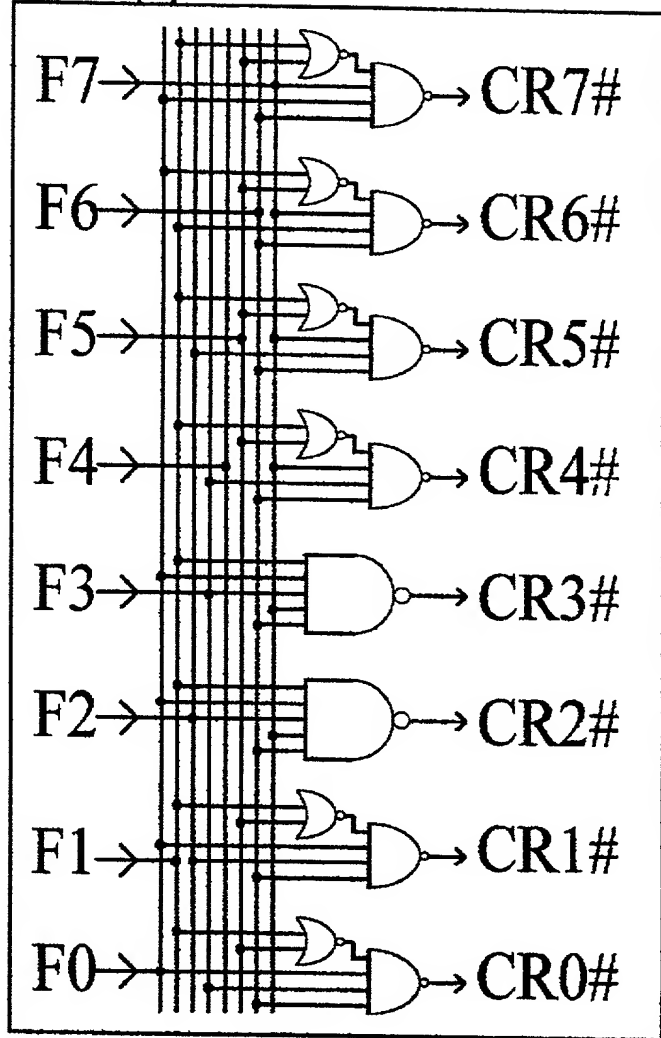
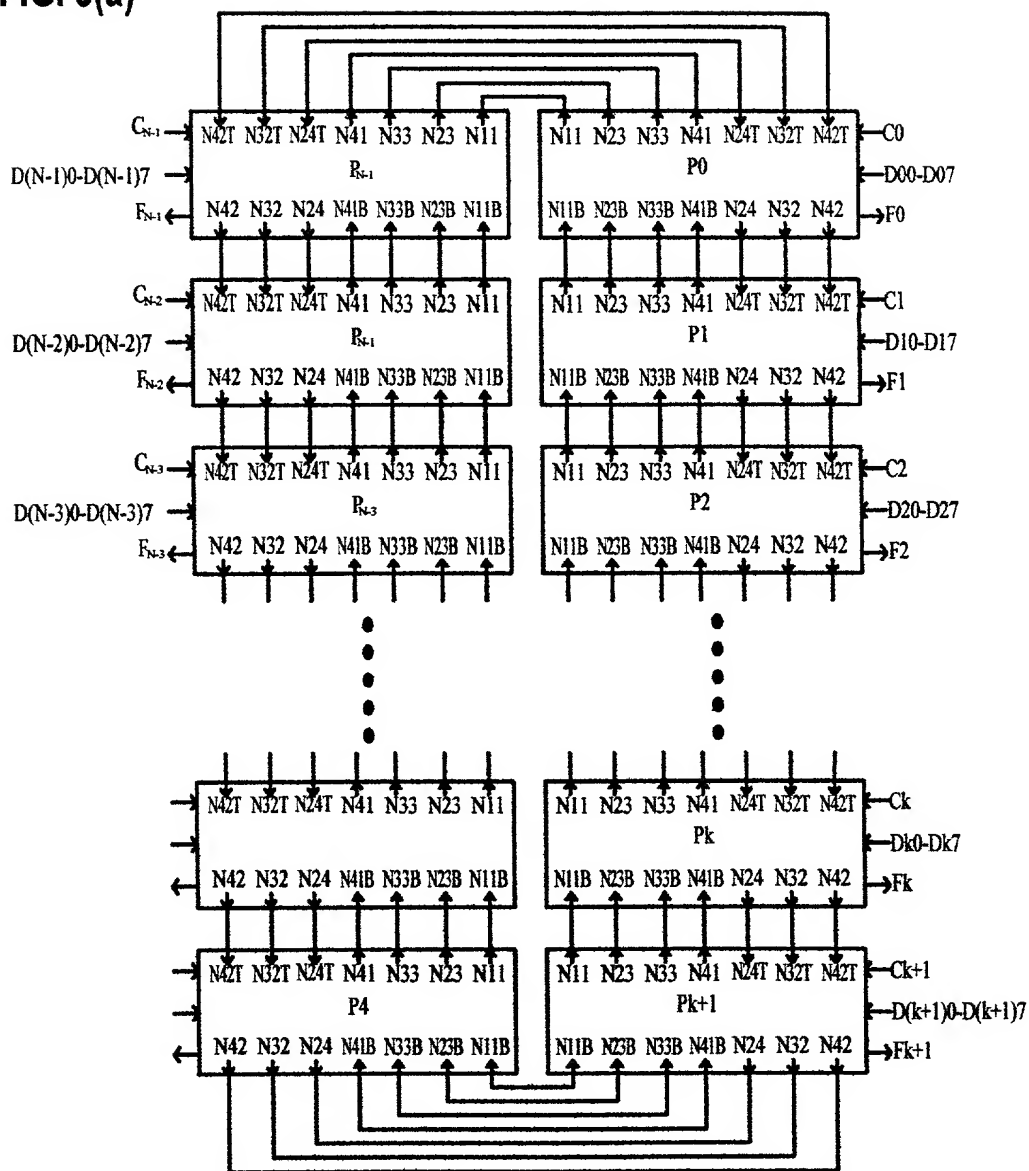


FIG. 3(a)



A diagram showing a step function. A horizontal line is labeled 'D' at its left end and 'S' at its right end. A vertical line segment rises from the horizontal line, labeled 'G' at its top. A horizontal line segment extends from the vertical line, labeled 'FG' at its left end.

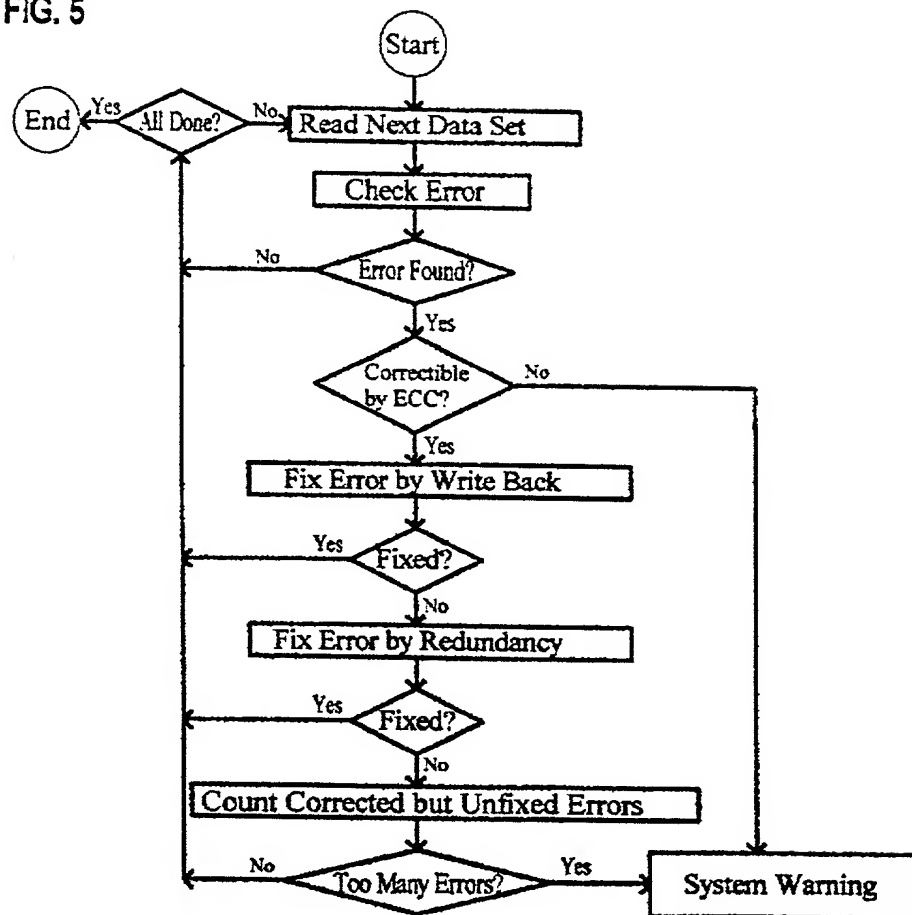


FIG. 6(a)

	D1D0	
Q3	1	1
Q2	1	0
Q1	0	1
	0	0

FIG. 6(b)

	D1D0	
Q3	1	0
Q2	1	1
Q1	0	1
	0	0

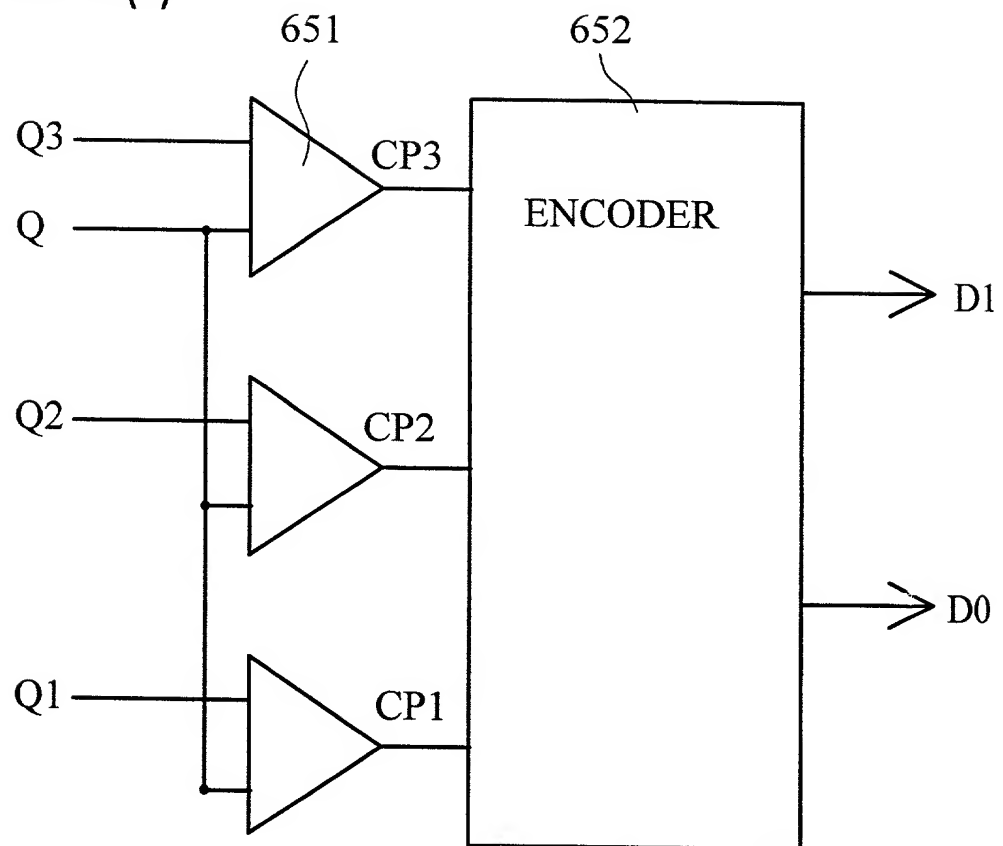
FIG. 6(c)

	D2D1D0		
Q7	1	0	0
Q6	1	0	1
Q5	1	1	1
Q4	1	1	0
Q3	0	1	0
Q2	0	1	1
Q1	0	0	1
	0	0	0

FIG. 6(d)

	D3D2D1D0			
Q15	1	0	0	0
Q14	1	0	0	1
Q13	1	0	1	1
Q12	1	0	1	0
Q11	1	1	1	0
Q10	1	1	1	1
Q9	1	1	0	1
Q8	1	1	0	0
Q7	0	1	0	0
Q6	0	1	0	1
Q5	0	1	1	1
Q4	0	1	1	0
Q3	0	0	1	0
Q2	0	0	1	1
Q1	0	0	0	1
	0	0	0	0

FIG. 6(e)



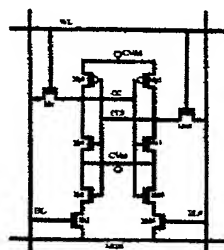


FIG. 8(a)

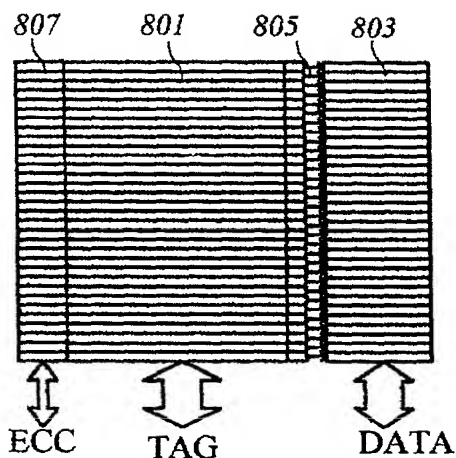


FIG. 8(b)

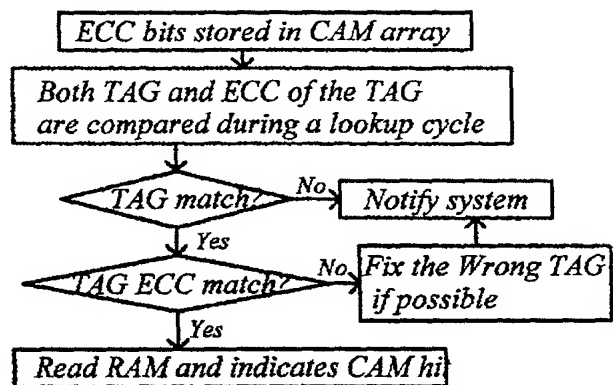


FIG. 8(c)

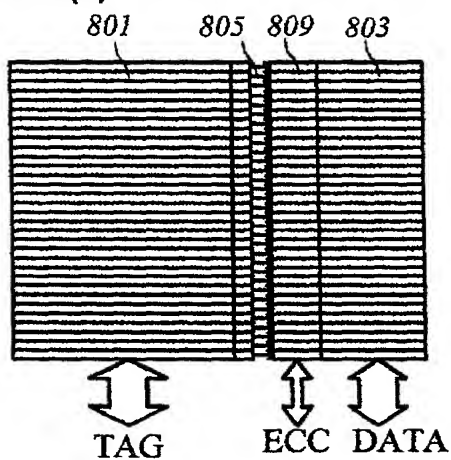


FIG. 8(d)

